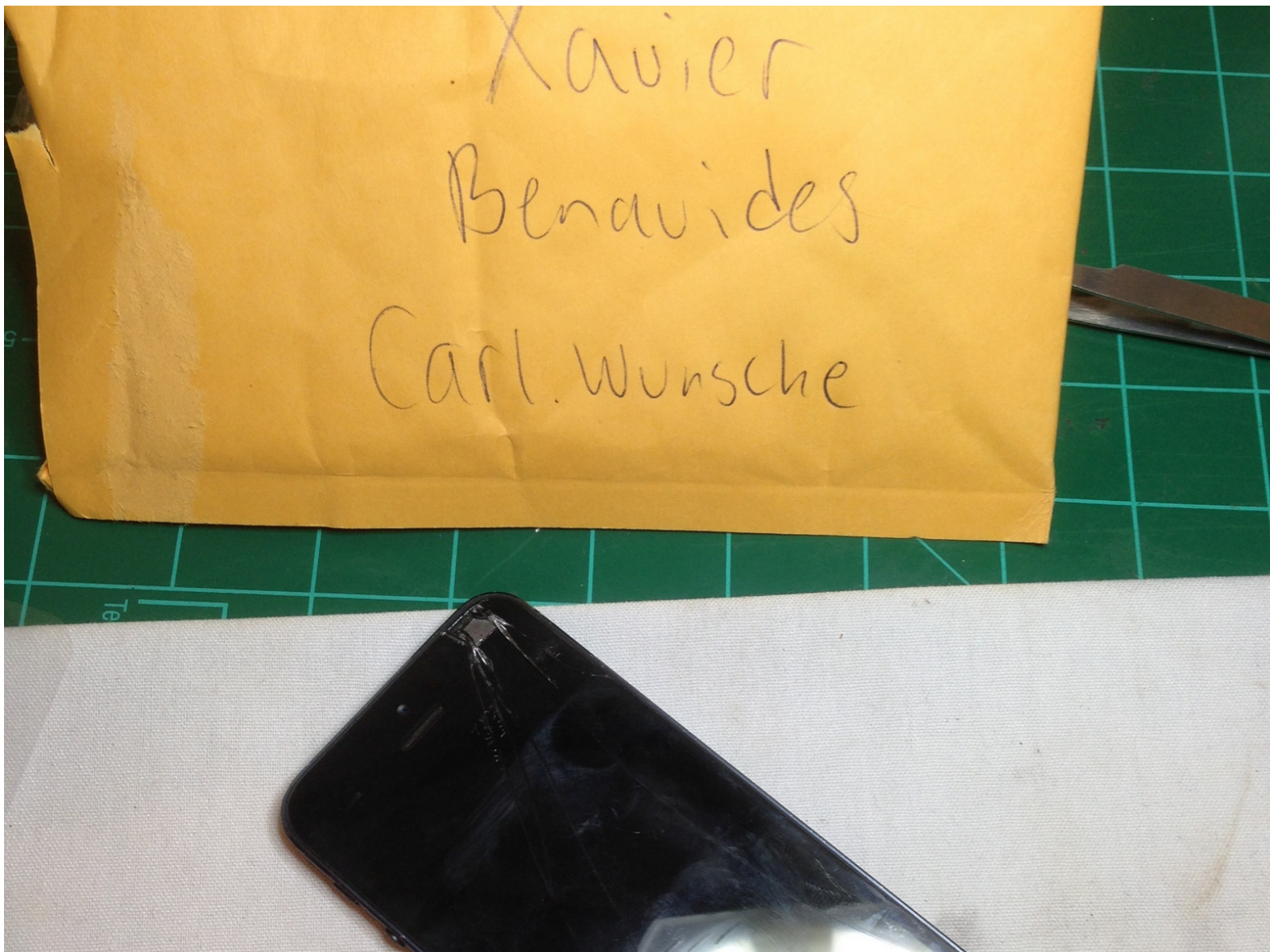




iPhone 5 Display Assembly Replacement

Replace your damage/cracked iPhone 5 Display Assembly

Written By: Xavier Benavides



INTRODUCTION

This repair is for an Apple iPhone 5. This process works on all iPhone 5 carriers and colors.

The display assembly includes the home button assembly, front camera assembly, earpiece speaker, and the LCD shield plate.



TOOLS:

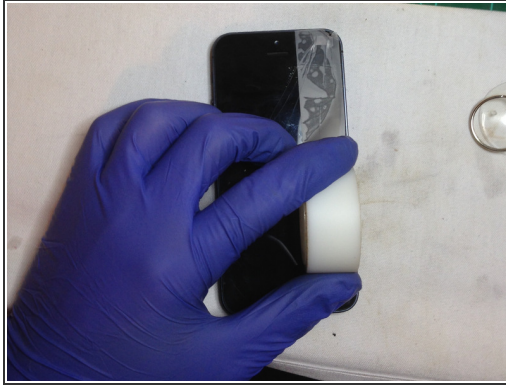
- [P2 Pentalobe Screwdriver iPhone](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)
- [Xacto Knife, or Razor Blade](#) (1)
- [Latex or nitrile gloves](#) (1)
- [Safety Glasses](#) (1)
- [Compressed Air](#) (1)
- [Cup or Mug](#) (1)





PARTS:

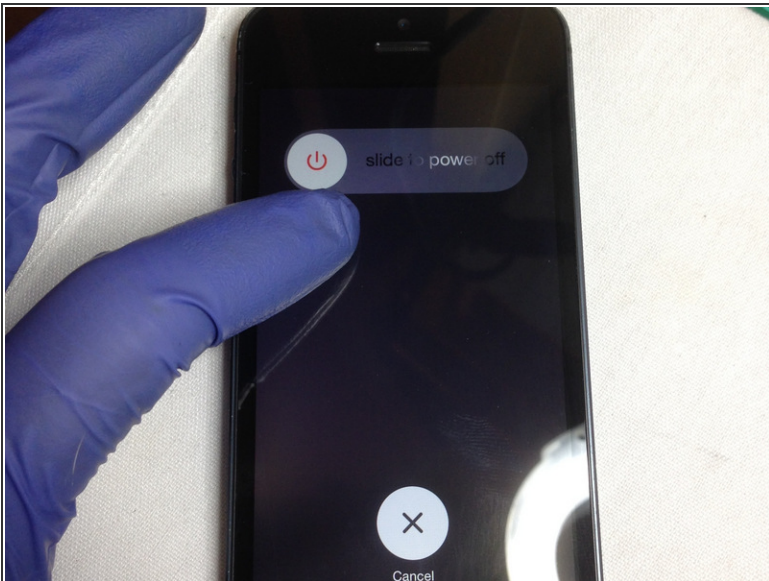
- [iPhone 5 LCD Screen and Digitizer Full Assembly](#) (1)


Step 1 — Safety Precautions and Replacement Preparations



-  If your display is cracked, keep your eyes and skin protected. **Wear Safety glasses to protect your eyes and wear latex or nitrile gloves to protect hands from shrapnel (Make sure you are not allergic to the material of the gloves.).**
-  Laying clear packing tape over the broken glass until the whole screen is covered. Doing this can prevent any injuries or glass from being scattered on the table.

Step 2 — Display Assembly Screws Removal



-  Before removing the Display assembly, be sure to power off your phone. This can prevent power shortages.
- Take the **5-Point Pentalobe screwdriver** to **remove two 3.6 mm Pentalobe screws** next to the Lighting Connector (Charging Port).

Step 3 — Display Assembly Removal Part I



⚠ An X-acto blade will be used for this step. Take **immense** caution when using the blade. **Always cut away** from you.

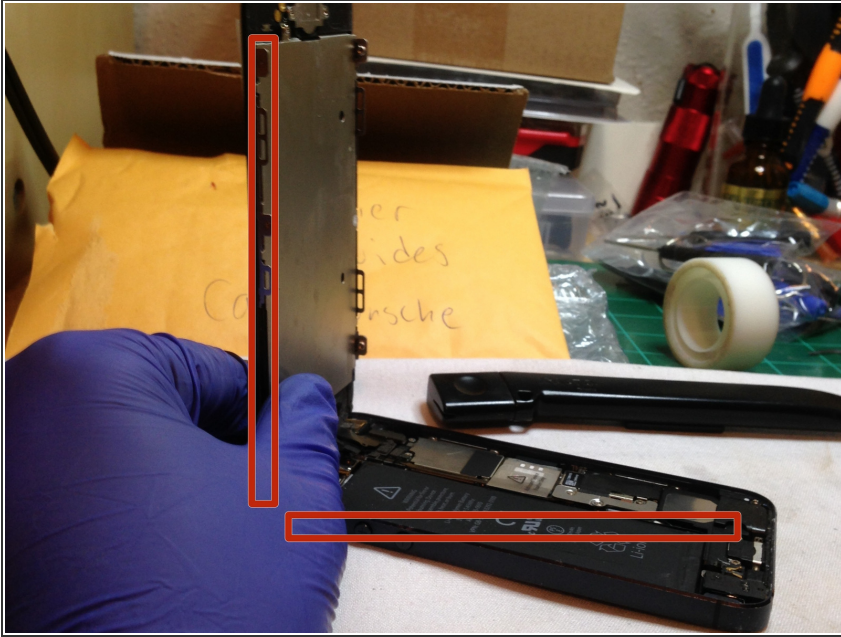
- Extend the blade 2mm from closed position.
- Place blade between the display assembly and the phone housing.
- Push down between the display assembly and the phone housing until you see a gap. Once you see the gap, pry up using the blade to keep the gap.

Step 4 — Display Assembly Removal Part II



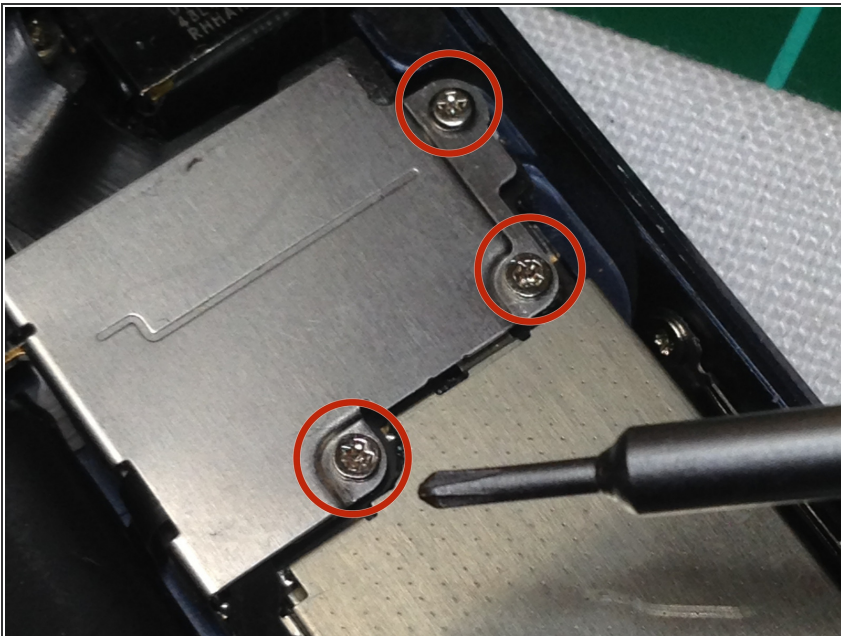
- Now that there is a fixed gap, use your plastic pry tool to **pry around** the display assembly, to separate the screen from the phone.
- ⓘ If you hear clicks, that means the display bezel is un-clipping from the phone, which is good.

Step 5 — Display Assembly Removal Part III



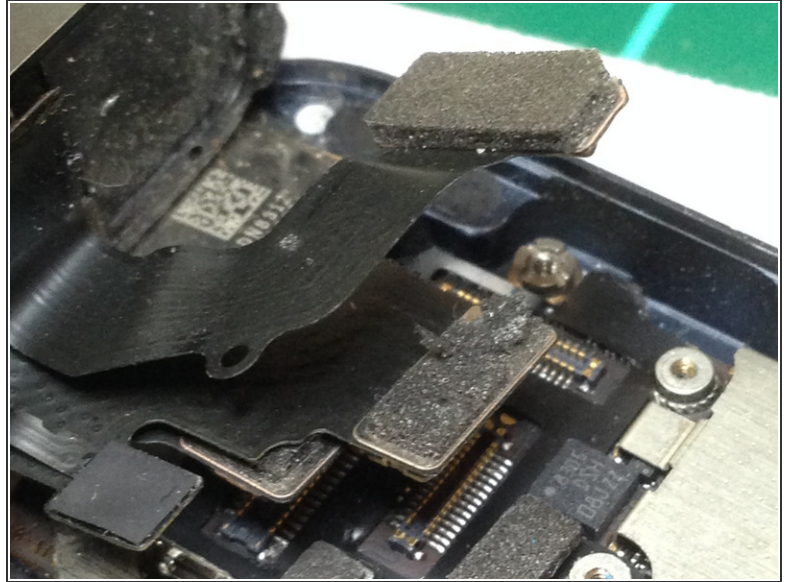
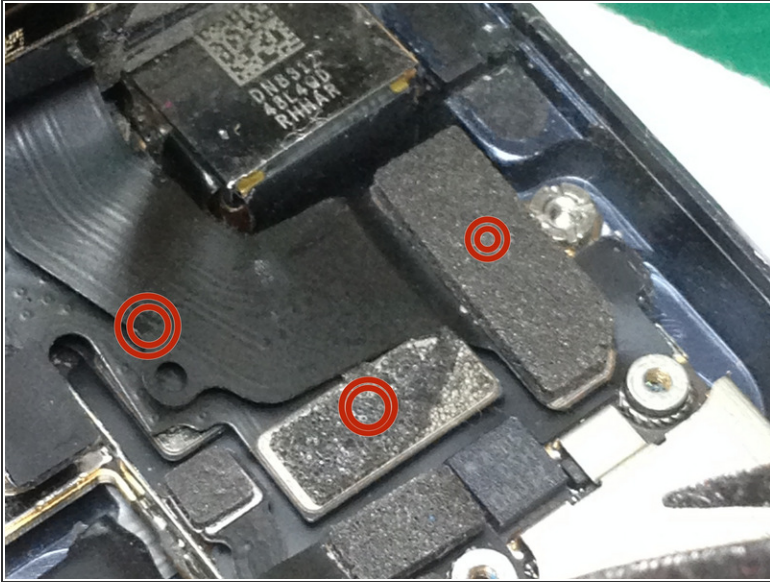
- **Gently** lift the display assembly away from the phone, and make a **90 degree angle** with respect to the horizontal.

Step 6 — Connector Protective Plate Removal



- **Locate** the Connector Protective plate, it is at the **top right** of the phone. Along the side of the power button.
- Take your **#000 Phillips head screwdriver** to unscrew **three Phillip screws** holding the Connector Protective plate to the logic board.
- Once all the Phillips screws are removed, **remove the Connector Protective Plate** from the phone.

Step 7 — Disconnecting Display Assembly Cables



- Locate **three cables** that link from the back of the display assembly to the logic board.

⚠ **Slowly**, remove each cable with **pliers**.

Step 8 — Display Assembly Full Removal



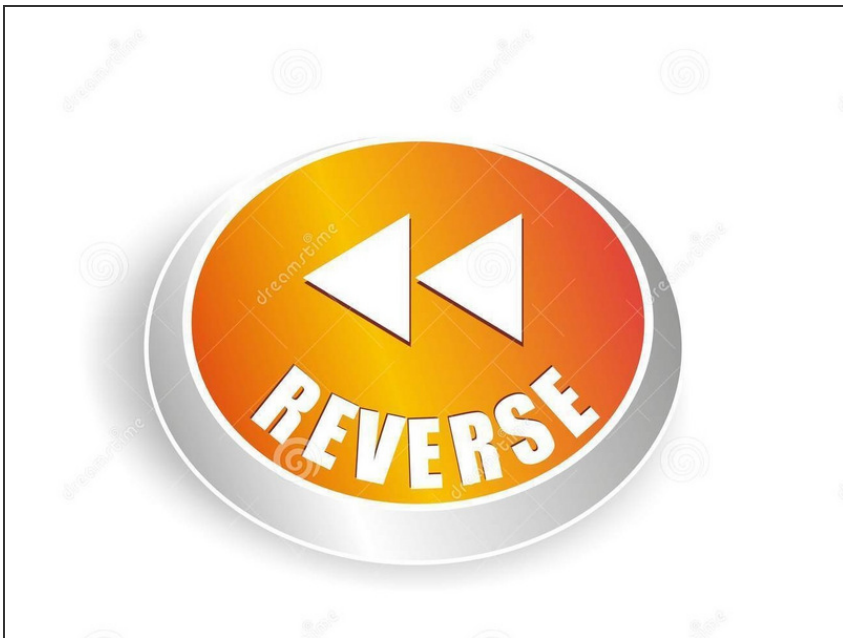
- Now that the three cables are disconnected, **remove** the old Display Assembly and **store it safely**.

Step 9 — Clean the Internals



- Using **compressed air** specifically for electronics, **blow away** any dust and trash from the phone.

Step 10 — Reverse



- Perform everything **in reverse** with the **new Display Assembly**.

To reassemble your device, follow these instructions in reverse order.